

Amended

76720

Application No. \_\_\_\_\_

**APPLICATION FOR PERMISSION TO CHANGE POINT OF DIVERSION, MANNER  
OF USE AND PLACE OF USE OF THE PUBLIC WATERS  
OF THE STATE OF NEVADA HERETOFORE APPROPRIATED**

THIS SPACE FOR OFFICE USE ONLY

Date of filing in State Engineer's Office FEB 12 2008

Returned to applicant for correction FEB 19 2008

Corrected application filed \_\_\_\_\_ Map filed \_\_\_\_\_

The applicant Nevada Geothermal Power Inc.

900 409 Granville, St. of Vancouver  
Street Address or P.O. Box City or Town

British Columbia, V6C 1T2, hereby make(s) application for permission to change the  
State and Zip Code

☒ Point of diversion ☐ Place of use ☐ Manner of use ☐ of a portion

of water heretofore appropriated under (Identify existing right by Permit, Certificate, Proof or Claim Nos. If Decreed, give title of Decree and identify right in Decree.)

Permit No. 73543, for WW-4.

1. The source of water is Underground WW-4  
Name of stream, lake, underground, spring or other sources.
2. The amount of water to be changed 1600 gpm, 3.019 second feet.  
Second feet, acre-foot. One second foot equals 448.83 gallons per minute.
3. The water to be used for Industrial  
Irrigation, power, mining, commercial, etc. If for stock, state number and kind of animals. Must limit to one major use.
4. The water heretofore used for Industrial  
If for stock, state number and kind of animals.
5. The water is to be diverted at the following point (Describe as being within a 40-acre subdivision of public survey and by course and distance to a found section corner. If on unsurveyed land, it should be stated.)  
New proposed point of diversion is within the SW1/4 SW1/4 of Section 1 T36N R34E MDB&M. Or at a point which the NE corner of said Section 1 bears S 52 44 44W, 6083.92 feet.
6. The existing point of diversion is located within (If point of diversion is not changed, do not answer.)

Prior proposed point of diversion is within Lot 2 of Section 1, T36N, R34E, MDB&M, or at a point which the NE corner of said Section 1 bears N 85°12'24"E, 2265.0 feet.

7. Proposed place of use (Describe by legal subdivisions. If for irrigation, state number of acres to be irrigated.)

NE1/4 NW1/4 of Section 23, T36N, R34E, MDB&M.

8. Existing place of use (Describe by legal subdivisions. If changing place of use and/or manner of use of irrigation permit, describe acreage to be removed from irrigation.)

9. Proposed use will be from January 1st to December 31st of each year.  
Month and Day Month and Day

10. Existing use permitted from January 1st to December 31st of each year.  
Month and Day Month and Day

11. Description of proposed works. (Under the provision of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) (State manner in which water is to be diverted, i.e. diversion structure, ditches, pipes and flumes or drilled well, pump and motor, etc.)

Drilled well with pump and motor and pipeline to the place of use.

12. Estimated cost of works Total Project - \$75,000,000

13. Estimated time required to construct works 3 years

If well completed, describe well.

14. Estimated time required to complete the application of water to beneficial use 5 years.

15. Provide a detailed description of the proposed project and its water usage (use attachments if necessary):  
(Failure to provide a detailed description may cause a delay in processing.)

See attached sheet with item 15 remarks.

16. Miscellaneous remarks:

604 - 688 - 1553

Phone No.

E-mail  
 WITHDRAWN BY APPLICANT MAR 14 2008

Tony Taylor P.E. STATE ENGINEER

**APPLICATION MUST BE SIGNED  
 BY THE APPLICANT OR AGENT**

By Chris Garey

Print or type name clearly

Chris Garey

Signature, applicant or agent

Nevada Geothermal Power Inc.

Company Name

900 409 Granville St.

Street Address or P.O. Box

Vancouver, BC V6C 1T2

City, State, Zip Code

**\$150 FILING FEE AND SUPPORTING MAP MUST ACCOMPANY APPLICATION**

Item 15 remarks.

Nevada Geothermal Power, Inc. and its affiliates (NGP) are developing a 35 megawatt geothermal power plant located 24 miles west of Winnemucca in Humboldt County, Nevada. The plant will be situated in the Desert Valley hydrographic basin (Basin 31) on the western slope of Blue Mountain and will be water-cooled to enhance its production capability during critical peak periods of electrical consumption. To optimize generation, the facilities will include a cooling tower that will require approximately 1,400-1,600 GPM (see attached Power Engineer's letter) of make-up water (evaporation in the cooling process) and blown-down water (replacement for saturation). The following summarizes the process and benefits of the water that will be consumed in the electrical generation process.

NGP has acquired several geothermal leases on private and federal lands to provide the geothermal resource necessary to power the plant. In each lease, NGP has reserved the rights to use the surface of the leased lands as required for project development. The intended point of diversion for plant cooling water is currently located on a private lease with Nevada Land and Resource Company (NLRC). NLRC lease terms require NGP to file jointly with them for water rights, but reserve to NGP the right to use the water in its generation process.

While the location of the plant is relatively remote, it is easily accessed via existing roads. The footprint of the plant is small and additional impact to the area will be limited. The project will add 10 to 15 permanent full-time jobs to the local economy while increasing the county property tax base and providing an additional opportunity for increased Net Proceeds Tax revenues to the state and county.

The total water required for the cooling tower may be pumped from one well, or may be taken from two or more of the four wells planned. The area has wells with varied productivity and so production may be split between them or taken from one well.

RECEIVED  
JAN 11 1981  
11:27


76720

Please accept the attached application to change the point of diversion of our water well (WW-4), and process a temporary application to change point of diversion, as agreed upon by Steve Walmsley over the phone.

The attached application contains corrections made to the original application #76720 filed in your office on February 12<sup>th</sup>, 2008.

I have arranged for a \$100 check for the temporary application, which is being sent separately.

Thank you and regards

  
Chris Garey  
Hydrogeologist

Nevada Geothermal Power Inc.  
900 409 Granville St.  
Vancouver, BC V6C 1T2  
604 - 688 - 1553

RECEIVED  
2008 FEB 26 10:27